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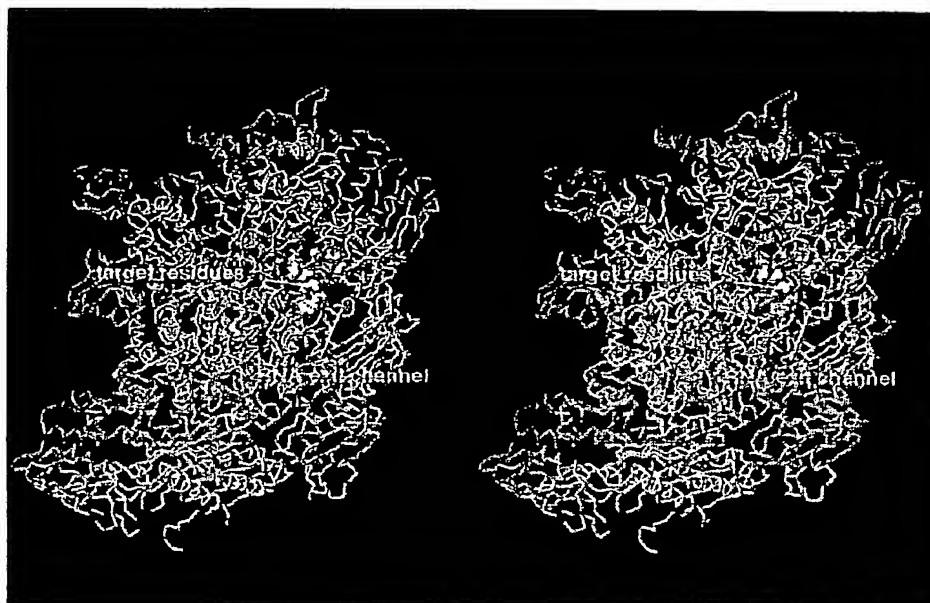
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(54) Title: RNA-EXIT-CHANNEL: TARGET AND METHOD FOR INHIBITION OF BACTERIAL RNA POLYMERASE



(57) Abstract: The invention provides a target and methods for specific binding and inhibition of RNAP from bacterial species. The invention is directed to a method for identifying agents that bind to a bacterial RNAP homologous RNA-exit-channel amino-acid sequence, comprising preparing a reaction solution comprising the agent to be tested and an entity comprising a bacterial RNAP homologous RNA-exit-channel amino-acid sequence, and detecting presence or amount of binding. The invention has applications in control of bacterial gene expression, control of bacterial growth, antibacterial chemistry, and antibacterial therapy.

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WO 2005/001034 A2

**WO 2005/001034 A2**



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